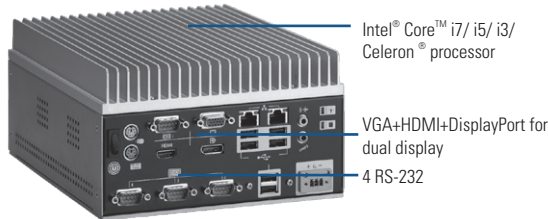


# eBOX640-860-FL

Fanless Embedded System Featuring Socket G2 Intel® Core™ i7/ i5/ i3/ Celeron® Processors  
TDP under 35W, Dual HDD and Multi-display



▲ Front view



## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel
CPU	Socket G2 (rPGA 988B) for 2nd Generation Intel® Core™ i7/ i5/ i3 processor (Sandy Bridge)/ Celeron® processor TDP under 35W
System Memory	2 x 204-pin DDR3-1066/1333 SO-DIMM max. up to 16 GB
Chipset	Intel® QM67
BIOS	AMI
System I/O Outlet	4 x RS-232 (COM 1-4) 1 x VGA 1 x HDMI 1 x DP 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard 1 x PS/2 mouse 2 x 10/100/1000Mbps Ethernet 6 x USB 2.0 1 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	Supports 2 x 2.5" SATA HDD drive bay Supports 1 x CFast™
Expansion Interface	1 x PCI Express Mini Card (USB+PCI Express signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	DC ATX 107W Input: DC 16~28VDC Output: +3.3VDC @ 6A, +5VDC @ 9A, +12VDC @ 3A, -12VDC @ 0.1A, +5Vsb @ 1A
Operating Temperature	-5°C ~ +50°C (23°C ~ 122°C) (with W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms w/ CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	193 mm (7.6") (W) x 232 mm (9.13") (D) x 111 mm (4.37") (H)
Weight (net/gross)	3.8 kg (8.37 lb)/4.6 kg (10.14 lb)
Certification	CE, EN60950 compliance
EOS Support	CE, Win7 embedded, Linux

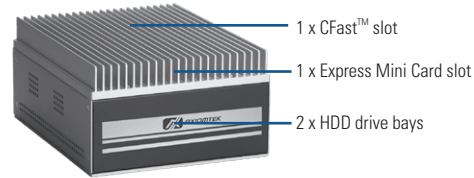
\* XPE: Windows® XP Embedded

## Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screws pack
- 4 x foot pad
- 8 x HDD anti-vibration damper

## Features

- Socket G2 (rPGA 988B) for 2nd Generation Intel® Core™ i7/ i5/ i3 processors (Sandy Bridge)/ Celeron® processor TDP under 35W
- Fanless operation design with full feature I/O
- High performance DDR3-1066/1333 SO-DIMM max. up to 16 GB
- 2 2.5" SATA drive bays and 1 CFast™ slot
- 1 internal PCI Express Mini Card slot



▲ Rear view

## Power Protection

### DC Version

OCP (over current protection)  
SCP (short circuit protection)

## Ordering Information

### Standard

eBOX640-860-FL-DC Fanless embedded system with socket G2 Intel® Core™ i7/ i5/ i3/ Celeron® processor, VGA, HDMI, DisplayPort, 2 10/100/1000Mbps, 4 RS-232, 6 USB, dual HDD support and DC-in

### Optional

2.5" SATA HDD 40 GB or above  
2.5" SATA SSD 4 GB or above  
DDR3 SODIMM 1 GB ~ 8 GB  
CFast™ 512 MB or above  
Wall mount bracket  
Power cord  
AC power kit

\*Specifications and certifications are based on options and may vary.

## Dimensions

